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 1 [Middleware for Reactive Components: An Integrated Use of Context, Roles, and Event Coordination](#)

Andry Rakotonirainy, Jaga Indulska, Seng Wai Loke, Arkady B. Zaslavsky

November 2001 **Middleware '01: Proceedings of the IFIP/ACM International Conference on Systems Platforms Heidelberg****Publisher:** Springer-Verlag

Full text available: Pdf (283.65 KB)

[Additional Information: full citation, references, cited by](#)**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 6, Citation Count: 3

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 2 [Virtual operator based AAA in wireless LAN hot spots with ad-hoc networking support](#)

Junbiao Zhang, Jun Li, Stephen Weinstein, Nan Tu

June 2002 **SIGMOBILE Mobile Computing and Communications Review**, Volume 6 Issue 1  
**Publisher:** ACM

Full text available: Pdf (180.11 KB)

[Additional Information: full citation, abstract, references, cited by](#)**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 85, Citation Count: 5

Sound and effective authentication, authorization and accounting (AAA) schemes for secure mobile wireless accesses are of great importance given the increased popularity opportunities in public wireless LAN hot spots. One ...

 3 [Supporting the WWW in wireless communications through mobile agents](#)

Stathes Hadjilefthymiades, Vicky Matthaïou, Lazaros Merakos

August 2002 **Mobile Networks and Applications**, Volume 7 Issue 4**Publisher:** Kluwer Academic Publishers

Full text available: Pdf (358.70 KB)

[Additional Information: full citation, abstract, references, cited by](#)**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 41, Citation Count: 6

Mobile computing is considered of major importance to the computing industry for the years due to the progress in wireless mobile communications. We present a proxy-based that manages to accelerate Web browsing in wireless Customer ...

**Keywords:** WWW, aglets, mobile agents, mobile computing, pro-active resource management, caches, wireless networks

 4 [Phoneshell: the telephone as computer terminal](#)

Chris Schmandt

September 1993 **MULTIMEDIA '93: Proceedings of the first ACM international conference****ADVANCED SEARCH** [Advanced Search](#)**FEEDBACK**
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Full text available:  Pdf (126.39 KB),  Ps (242.40 KB) [Additional Information: full citation, references, cited b](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 63, Citation Count: 13

**Keywords:** auditory user interface, digitized speech, interactive voice response, speech

## 5 [Model-driven development of Web applications: the AutoWeb system](#)

 Piero Fraternali, Paolo Paolini

October 2000 **Transactions on Information Systems (TOIS)** , Volume 18 Issue 4

**Publisher:** ACM  [Request Permissions](#)


Full text available:  Pdf (6.94 MB) [Additional Information: full citation, abstract, references, cited b](#)

**Bibliometrics:** Downloads (6 Weeks): 128, Downloads (12 Months): 423, Citation Count: 25

This paper describes a methodology for the development of WWW applications and a tool specifically tailored for the methodology. The methodology and the development environment upon models and techniques already used in the hypermedia, ...

**Keywords:** HTML, WWW, application, development, intranet, modeling

## 6 [Rethinking the design of the Internet: the end-to-end arguments vs. the brave new](#)

 Marjory S. Blumenthal, David D. Clark

August 2001 **Transactions on Internet Technology (TOIT)** , Volume 1 Issue 1

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (176.33 KB) [Additional Information: full citation, abstract, references, cited b](#)

**Bibliometrics:** Downloads (6 Weeks): 86, Downloads (12 Months): 819, Citation Count: 32

This article looks at the Internet and the changing set of requirements for the Internet more commercial, more oriented toward the consumer, and used for a wider set of purposes. It discusses a set of principles that have guided the design ...

**Keywords:** ISP, Internet, end-to-end argument

## 7 [A framework of knowledge management systems: issues and challenges for theory](#)

 Jungpil Hahn, Mani R. Subramani

December 2000 **ICIS '00: Proceedings of the twenty first international conference on Information Systems**

**Publisher:** Association for Information Systems

Full text available:  Pdf (179.51 KB) [Additional Information: full citation, references, cited by, index t](#)

**Bibliometrics:** Downloads (6 Weeks): 108, Downloads (12 Months): 780, Citation Count: 5


**Keywords:** information in organizations, knowledge management, knowledge management, organizational behavior, organizational learning, system selection

## 8 [Content-based filtering and personalization using structured metadata](#)

 A. Mufit Ferman, James H. Errico, Peter van Beek, M. Ibrahim Sozan

July 2002 **JCDL '02: Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital Libraries**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (111.36 KB) [Additional Information: full citation, abstract, references, cited b](#)

**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 77, Citation Count: 5

Structured descriptions of multimedia content and automatically generated user profile filter content.

**Keywords:** MPEG-7, XML, multimedia content, personalization, recommendation, user

- 9 [Using proxy cache relocation to accelerate Web browsing in wireless/mobile comm](#)  
Stathes Hadjiefthymiades, Lazaros Merakos



April 2001 **WWW '01: Proceedings of the 10th international conference on World Wide Web**

**Publisher:** ACM

Full text available: Pdf (321.90 KB)

**Additional Information:** [full citation](#), [references](#), [cited by](#), [index to](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 64, Citation Count: 6

**Keywords:** W4, cache relocation, learning automaton, mobile computing, path predict

- 10 [A composable framework for secure multi-modal access to internet services from](#)

Steven J. Ross, Jason L. Hill, Michael Y. Chen, Anthony D. Joseph, David E. Culler, Eric A.

October 2002 **Mobile Networks and Applications**, Volume 7 Issue 5

**Publisher:** Kluwer Academic Publishers

Full text available: Pdf (340.33 KB)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [review](#)

**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 54, Citation Count: 2

The Post-PC revolution is bringing information access to a wide range of devices beyond such as public kiosks, and mobile devices like cellular telephones, PDAs, and voice based telematics. However, existing deployed Internet services ...

**Keywords:** internet, middleware, post-PC, security, transcoding

- 11 [Inverted file search algorithms for collaborative filtering](#)



Rickard Cöster, Martin Svensson

August 2002 **SIGIR '02: Proceedings of the 25th annual international ACM SIGIR conference and development in information retrieval**

**Publisher:** ACM

Full text available: Pdf (245.62 KB)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [index to](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 57, Citation Count: 0

This paper explores the possibility of using a disk based inverted file structure for collaborative filtering. Our hypothesis is that this allows for faster calculation of predictions and also that early heuristics may be used to further ...

**Keywords:** collaborative filtering, inverted files, performance


- 12 [CyPhone—bringing augmented reality to next generation mobile phones](#)



Timo Pyssysalo, Tapio Repo, Tuukka Turunen, Teemu Lankila, Juha Pöning

April 2000 **DARE '00: Proceedings of DARE 2000 on Designing augmented reality environments**

**Publisher:** ACM

Full text available:  Pdf (6.46 MB)

Additional Information: full citation, abstract, references, index


**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 115, Citation Count: 0

We describe a prototype implementation of a future mobile phone called CyPhone. In e-calls, it has been designed to support context-specific and multi-user multimedia service in an augmented reality manner. Context-awareness has been ...

**Keywords:** mobile communication, navigation, networked virtual reality, real-time data protocols, registration

### 13 Experiences with network-based user agents for mobile applications

Thomas F. La Porta, Thomas Woo, Krishan K. Sabnani, Ramachandran Ramjee




August 1998 **Mobile Networks and Applications**, Volume 3 Issue 2**Publisher:** Kluwer Academic PublishersFull text available:  Pdf (631.57 KB)

Additional Information: full citation, abstract, references, cited by

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 63, Citation Count: 2

Wireless networks are characterized by simple end devices and limited bandwidth. One way to address these and other limitations of the wireless mobile environment that has been the placement of proxies, or agents, inside the network ...

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